Amendment to Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A~~n~~ method~~end user interface (EUI)~~ comprising:

rendering by a computing device, a first display container cell for an end user interface;

rendering by a computing device, a second display container cell nested within the first display container cell for the user user interface; and

rendering by a computing device, a first action cell nested within one of said first and second display container cells, the first action cell being associated with causing at least a first action to be performed in association with or on behalf of at least one of a third display container cell and a fourth display container cell, the first action being conditioned at least in part on one or more state values or policy attributes of one or more of the display container cells.

2.   (Currently Amended) The ~~EUI~~ method of claim 1, wherein rendering the first display container cell ~~is~~ comprises rendering a selected one of a root region container cell and a nested region container cell.

3.   (Currently Amended) The ~~EUI~~ method of claim 1, wherein rendering the second display container cell ~~is~~ comprises rendering a display container cell selected from a display container cell group consisting of a nested region container cell, a nested zone container cell, and a nested action cell pool container cell.

4.   (Currently Amended) The method ~~EUI~~ of claim 1, wherein the fourth display container cell is nested in the third display container cell.

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5.-9.   (Cancelled)

10.   (Currently Amended) The method ~~EUI~~ of claim 1, wherein the fourth display container cell is an invisible cell.

11.   (Currently Amended) The method~~EUI~~ of claim 1, wherein the first action cell is associated with causing a first action to be performed in association with or on behalf of both the third container cell and the fourth container cell.

12.   (Currently Amended) The method~~EUI~~ of claim 11, wherein the first action cell is further associated with causing a second action to be performed in association with or on behalf of at least one of the third and the fourth container cell.

13.   (Currently Amended) The method ~~EUI~~ of claim 1, wherein the first action cell is further associated with causing a second action to be performed in association with or on behalf of at least one of the third and the fourth container cell.

14.   (Currently Amended) The method ~~EUI~~ of claim 1, ~~wherein the first action further comprises~~ comprising performing by a computing device the first action, and the first action is an action selected from an action group consisting of adding a display container cell as a currently visible display contain cell among one or more other currently visible display container cell, rendering a content, process a content and causing a script to be executed.

15.   (Currently Amended) The ~~EUI~~ method of claim 1, ~~wherein the first action comprises~~ further comprising performing by a computing device the first action, and the first action is an action selected from an action group consisting of

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requesting a user action, requesting a local system action, and/or requesting a remote system action.

16.   (Currently Amended) The ~~EUI~~ method of claim 1, wherein said rendering of the first action cell is performed in view of a plurality of associated attributes of the first action cell defining the first action cell, the associated attributes being~~wherein the first action cell has a plurality of associated attributes defining the first action cell, including~~ attributes selected from a attribute group consisting of one or more structural attributes, one or more geometric attributes, one or more visual attributes, one or more policy attributes, and one or more behavior attributes.

17.   (Currently Amended) The ~~EUI~~ method of claim 1, further comprising performing by a computing device the first action in response to a user selection of the first action cell, and the action being an action selected from ~~wherein the first action comprises performing an action selected from~~ an action group consisting of associating a defining attribute with a display container cell, modifying a defining attribute associated with a display container cell, and deleting a defining attribute associated with a display container cell.

18.   (Currently Amended) The ~~EUI~~ method of claim 1, further comprising performing by a computing device the first action in response to a user selection of the first action cell, and the action being an action selected from ~~wherein the first action comprises performing an action selected from~~ an action group consisting of adding one or more cells to the EUI, and deleting one or more cells from the EUI.

19.   (Currently Amended) The ~~EUI~~ method of claim 1, wherein the first action ~~associated with the first action cell~~ is ~~associated based~~conditioned at least in part

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on one or more ~~policy~~ attributes of one or more of the display container cells within which the first action cell is nested.

20.   (Currently Amended) The ~~EUI~~ method of claim 1, wherein the first action ~~associated with the first action cell is associated based~~ is conditioned at least in part on ~~the~~ one or more ~~current~~ state values or policy attributes, and the state values and policy attributes are associated with a display container cell that is separate and distinct from the first, second, third, and fourth ~~of one or more of the~~ display container cells ~~within which the first action cell is nested~~.

21.   (Currently Amended) The ~~EUI~~ method of claim 1, further comprising performing by a computing device the first action~~wherein the first action associated with the first action cell is an action to be performed~~ in response to a structural exception event involving the at least one of the fourth display container cell and a fifth display container cells.

22.   (Currently Amended) The ~~EUI~~ method of claim 1, ~~wherein the EUI~~ further ~~comprises~~ comprising rendering by a computing device a second action cell associated with causing at least a second action to be performed in association with or on behalf of one or more nested container cells.

23.   (Canceled)

24.   (Canceled)

25.   (Canceled)

26.   (Canceled)

27.   (Canceled)

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28.   (Currently Amended) A system comprising:

    a processor;

    a display coupled to the processor; and

    storage coupled to the processor, and having stored therein instructions
designed implement an end user interface for the system, the end user interface
having

    a first display container cell;

    a second display container cell nested within the first display container
cell; and

    a first action cell nested within one of said first and second display
container cells, the first action cell being associated with causing at least a first
action to be performed in association with or on behalf of at least one of a third
container cell and a fourth container cell, the first action being conditioned at
least in part on one or more state values or policy attributes of one or more of the
display container cells.

29.   (Original) The system of claim 28, wherein the first action comprises an
action selected from an action group consisting of adding a display container cell
as a currently visible display contain cell among one or more other currently
visible display container cell, rendering a content, process a content and causing
a script to be executed.

30.   (Original) The system of claim 28, wherein the first action comprises an
action selected from an action group consisting of associating one or more
defining attributes with a display container cell, modifying one or more defining
attributes associated with a display container cell, deleting one or more defining
attributes associated with a display container cell, adding one or more cells to the
EUI, and deleting one or more cells from the EUI.

31.   (Currently Amended) The system of claim 28, ~~wherein the first action is~~ ~~conditioned at least in part on the one or more state values or policy attributes,~~ ~~and the state values and policy attributes are associated with a display container~~ ~~cell that is separate and distinct from the first, second, third, and fourth display~~ ~~container cells~~wherein the first action associated with the first action cell is associated based at least in part on one or more attributes or one or more state values of one or more of the display container cells within which the first action cell is nested.

32.   (Original) The system of claims 28, wherein the EUI further comprises a second action cell associated with causing at least a second action to be performed in association with or on behalf of one or more nested container cells.

33.   (New) In a computing environment, a method of operation comprising:

creating by a computing device, for an end user interface, a first display container cell having a first content visibility;

creating by a computing device, for the end user interface, a second display container cell a second content visibility;

receiving by a computing device, a first request to add a third display container cell to the end user interface, the third display container cell having a third content visibility;

adding by a computing device, the third display container cell to the end user interface, including at least one of

shifting at least one of the first or second display container cell to coalesce available space,

downsizing at least one of the first or the second display container cell to increase available space, or

removing at least one of the first or the second display container cell to increase available space,

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while maintaining said first or second content visibility when
performing said at least one of shifting, downsizing or
removing, if the corresponding first or second display
container cell is not removed.

34.   (New) The method of claim 33, wherein said first and second display
container cell further having a first and a second kernel size respectively, and
said first or second display container cell is removed if said first or second display
container cell has to be downsized to smaller than the corresponding first or
second kernel size.

35.   (New) The method of claim 33, further comprising
       creating by a computing device, a display action cell nested in a selected
one of said first or second display container cell; .
       receiving by a computing device, a user interaction with the display action
cell; and
       in response, executing by a computing device, a binary associated with
              the display action cell.

36.   (New) In a computing environment, a method of operation comprising:
       creating by a computing device, for an end user interface, a first display
container cell having a first content visibility;
       creating by a computing device, for the end user interface, a second
display container cell with a second content visibility;
       receiving by a computing device, a request to expand a selected one of
the first or second display container cell;
       expanding by a computing device, the selected one of the first or second
display container cells, including one or more of

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shifting the other one of the first or second display container cell to
coalesce available space,

downsizing the other one of the first or second display container
cell to increase available space, or

removing at least one of the first or the second display container
cell to increase available space,

while maintaining said first or second content visibility when
performing said at least one of shifting, downsizing or
removing, if the corresponding first or second display
container cell is not removed.

37.   (New) The method of claim 36, wherein said first and second display
container cell further having a first and a second kernel size respectively, and the
other one of said first or second display container cell is removed if the other one
of said first or second display container cell has to be downsized to smaller than
the corresponding first or second kernel size.

38.   (New) The method of claim 36, further comprising
creating by a computing device, a display action cell nested in a selected
one of said first or second display container cell; .

receiving by a computing device, a user interaction with the display action
cell; and

in response, executing by a computing device, a binary associated with
the display action cell.

39.   (New) In a computing environment, a method of operation comprising:
creating by a computing device, for an end user interface, a first display
container cell having a first content visibility;

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creating by a computing device, for the end user interface, a second display container cell with a second content visibility;

receiving by a computing device, a request to contract a selected one of the first and second display container cells;

contracting by a computing device, the selected one of the first and second display container cells, including one or more of

shifting the other one of the first and second display container cells to reposition the other one of the first and second display container cells in view of newly available space resulted from the requested contracting,

upsizing the other one of the first and second display container cells to consume all or some of the newly available space resulted from the requested contacting, or

removing the selected one of the first or second display container cell to be contracted,

while maintaining said first or second content visibility when performing said at least one of shifting, upsizing or removing, if the corresponding first or second display container cell is not removed.

40.   (New) The method of claim 39, wherein said first and second display container cell further having a first and a second kernel size respectively, and the selected one of said first or second display container cell is removed if the selected one of said first or second display container cell has to be contracted to smaller than the corresponding first or second kernel size.

41.   (New) The method of claim 39, further comprising

creating by a computing device, a display action cell nested in a selected one of said first or second display container cell; .

receiving by a computing device, a user interaction with the display action
cell; and

in response, executing by a computing device, a binary associated with
the display action cell.